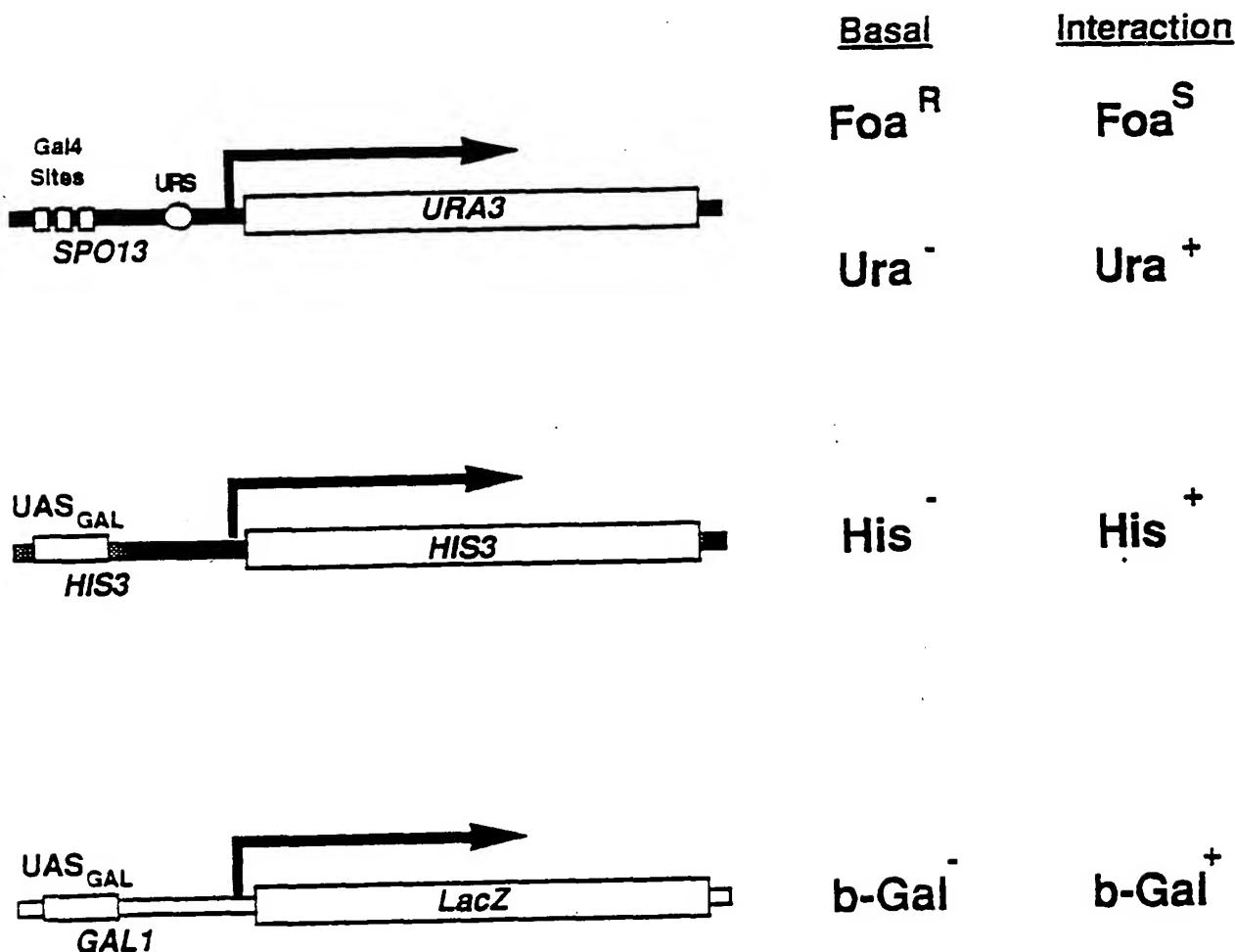


FIGURE 1

Matter No.: 10974-239005
Applicant(s): Marc Vidal et al.
REVERSE TWO-HYBRID SYSTEMS

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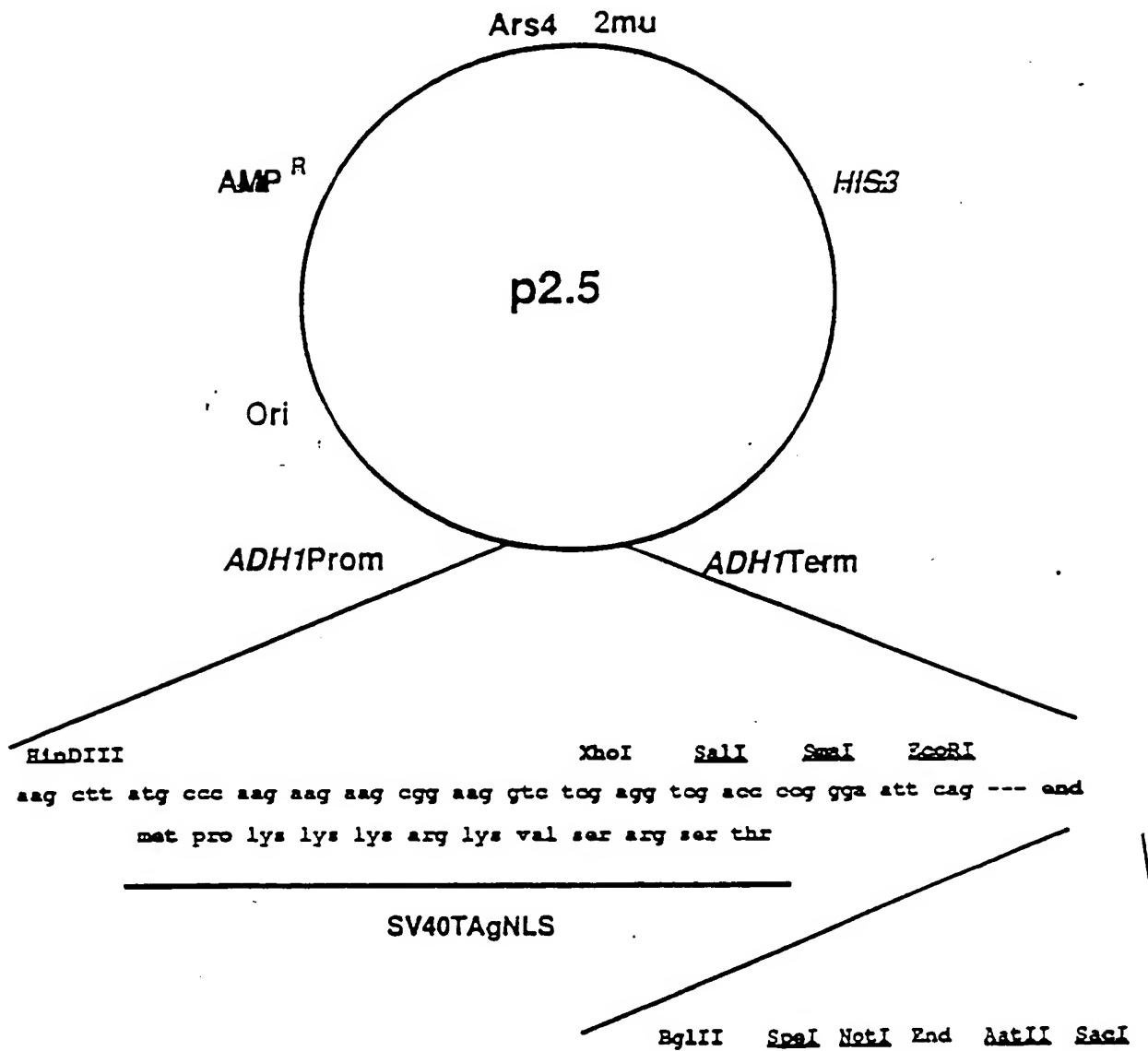


10027213 3.22.03

FIGURE 2

Matter No.: 10974-239005
Applicant(s): Marc Vidal et al.
REVERSE TWO-HYBRID SYSTEMS

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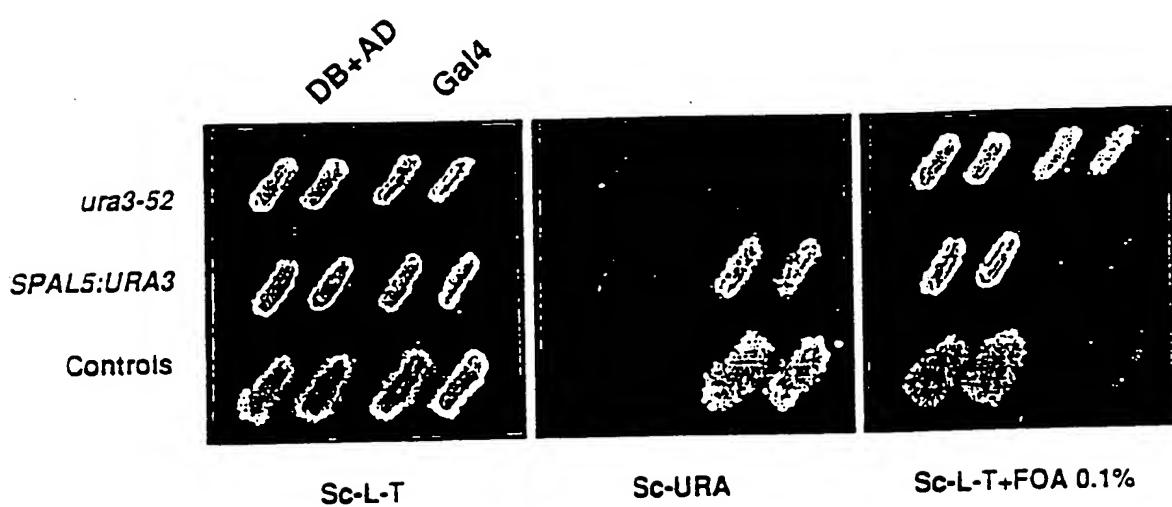


10022747 10022748 10022749 10022750

FIGURE 3

Matter No.: 10974-239005
Applicant(s): Marc Vidal et al.
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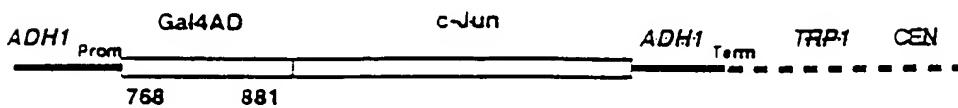
100022219 - 122103

FIGURE 4

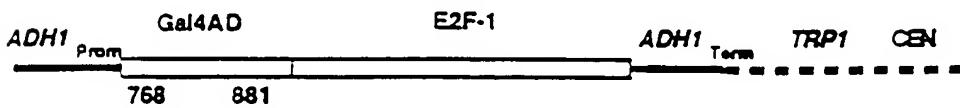
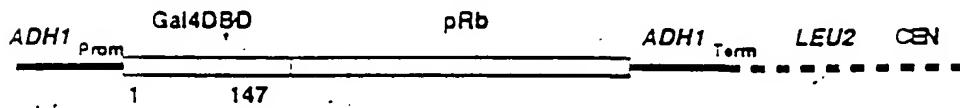
Matter No.: 10974-239005
Applicant(s): Marc Vidal et al.
REVERSE TWO-HYBRID SYSTEMS

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1)



2)



1002749-42241

FIGURE 5

F0 T22T "GTCZ200T

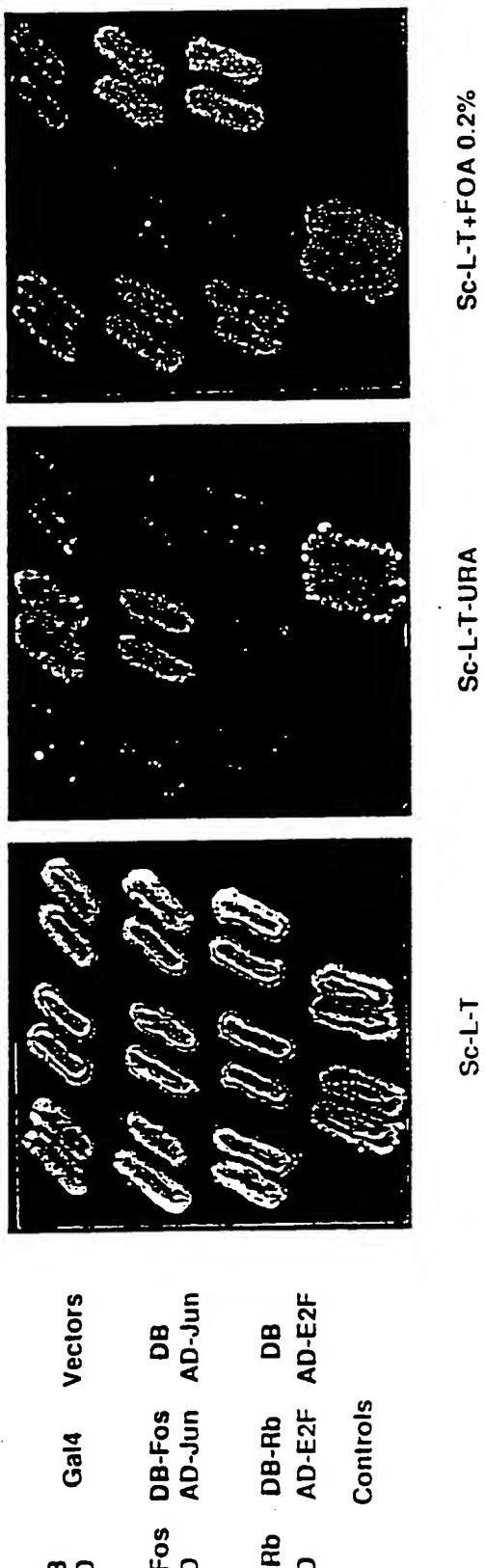


FIGURE 6

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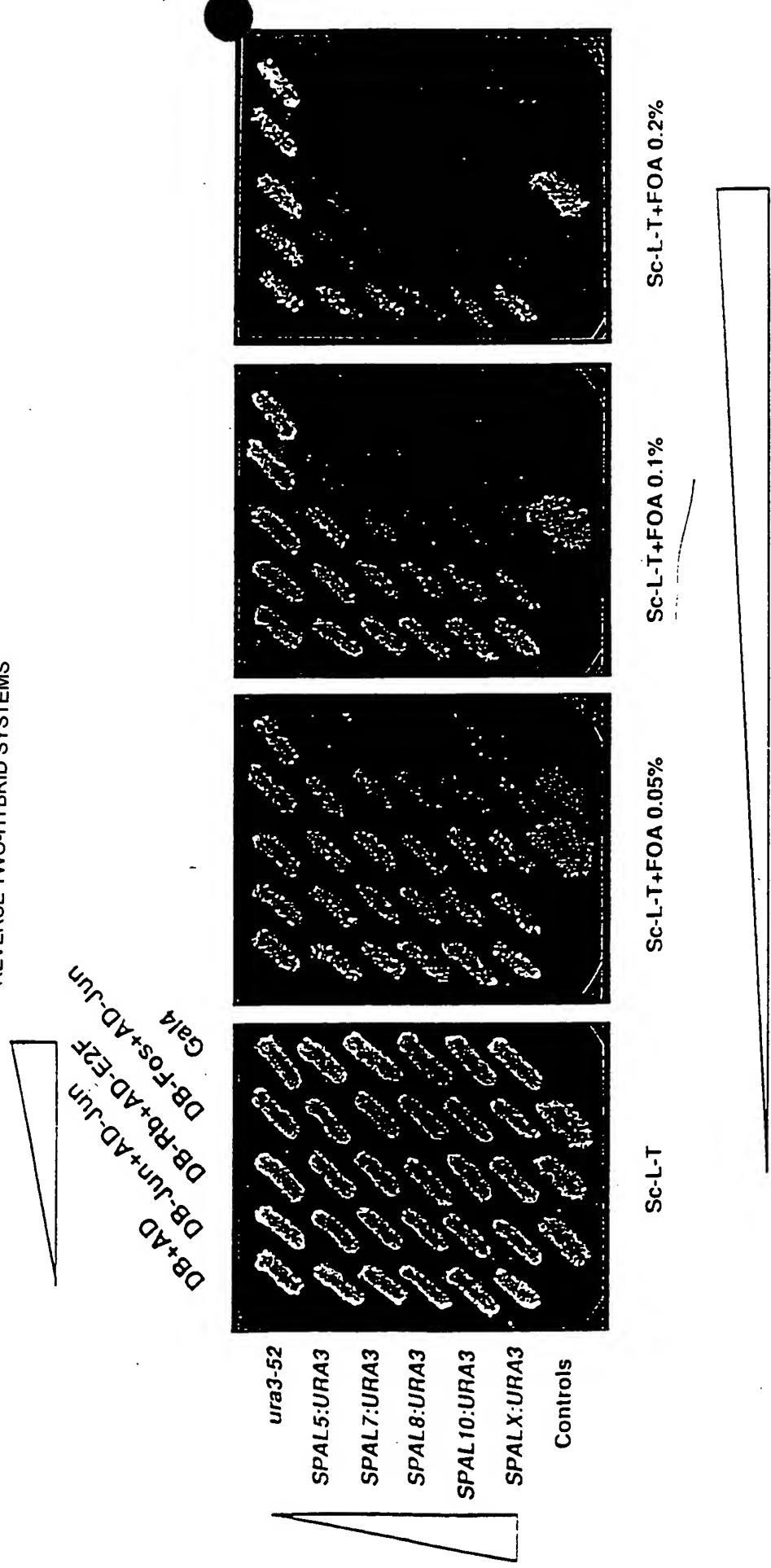
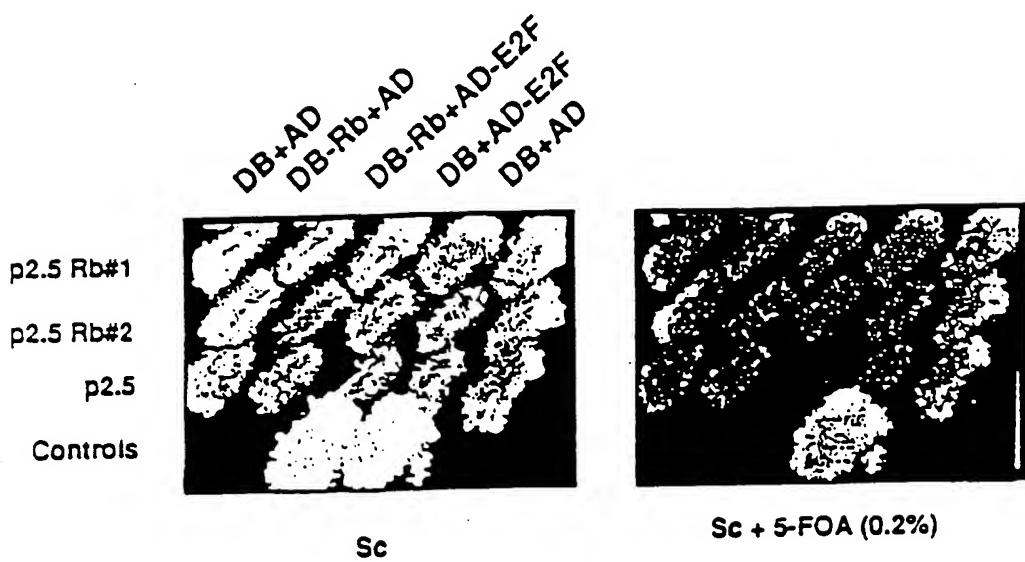


FIGURE 7

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1002721.5 12024.0

TESSON - Etablissement de Recherches et de Développement

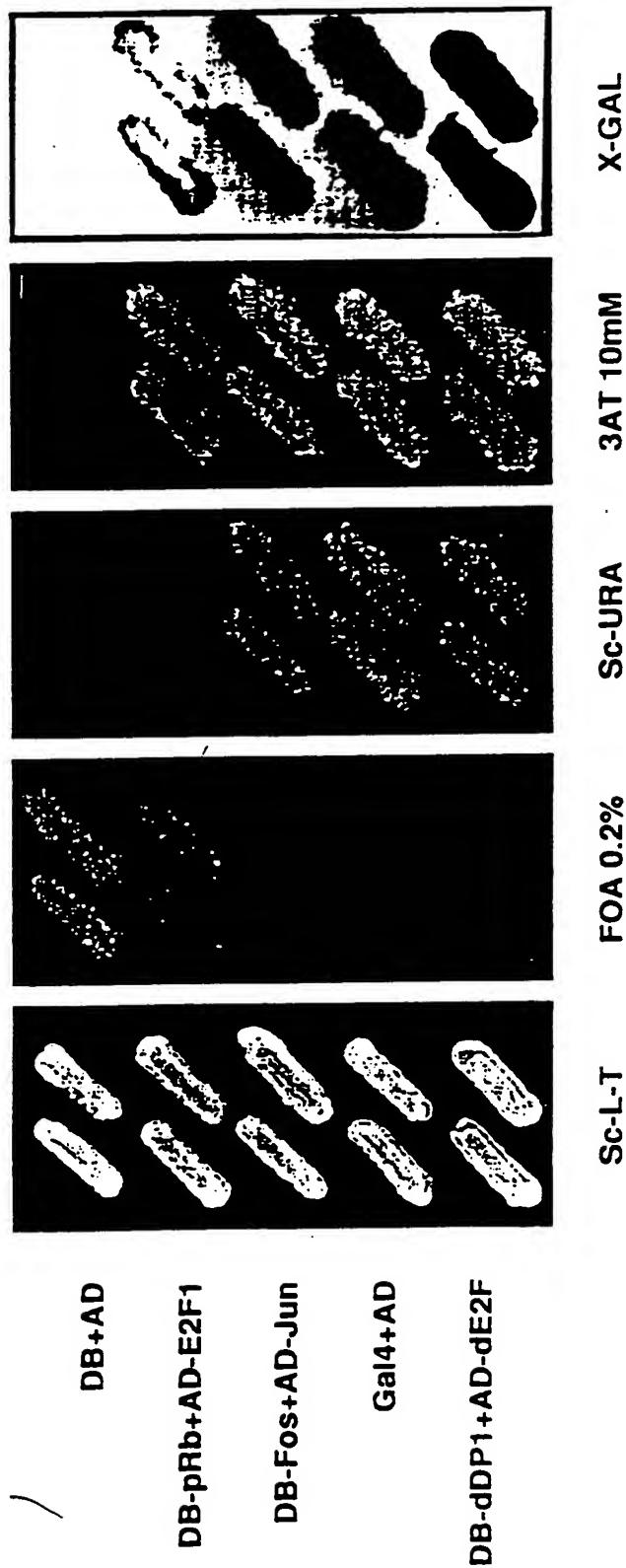
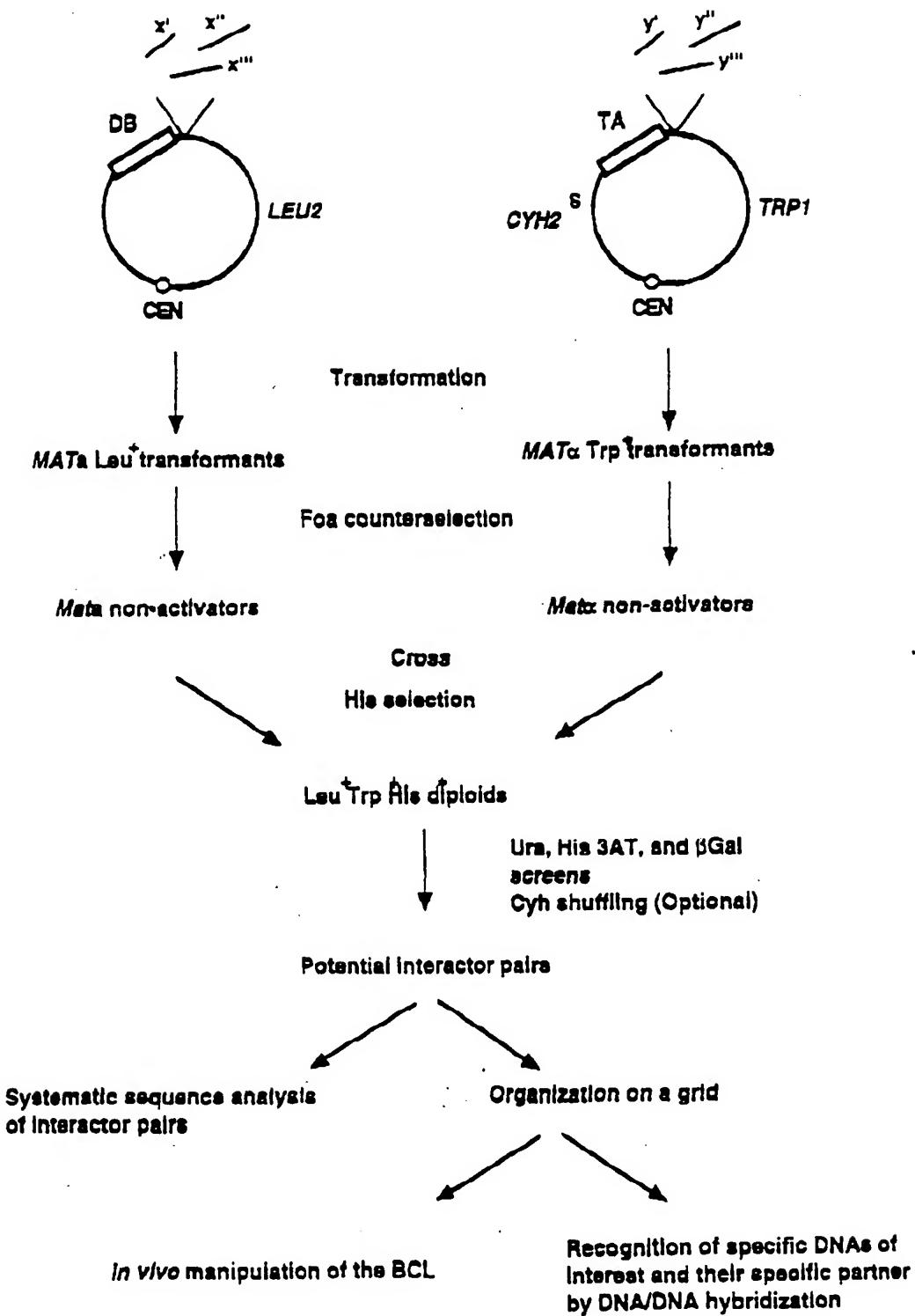
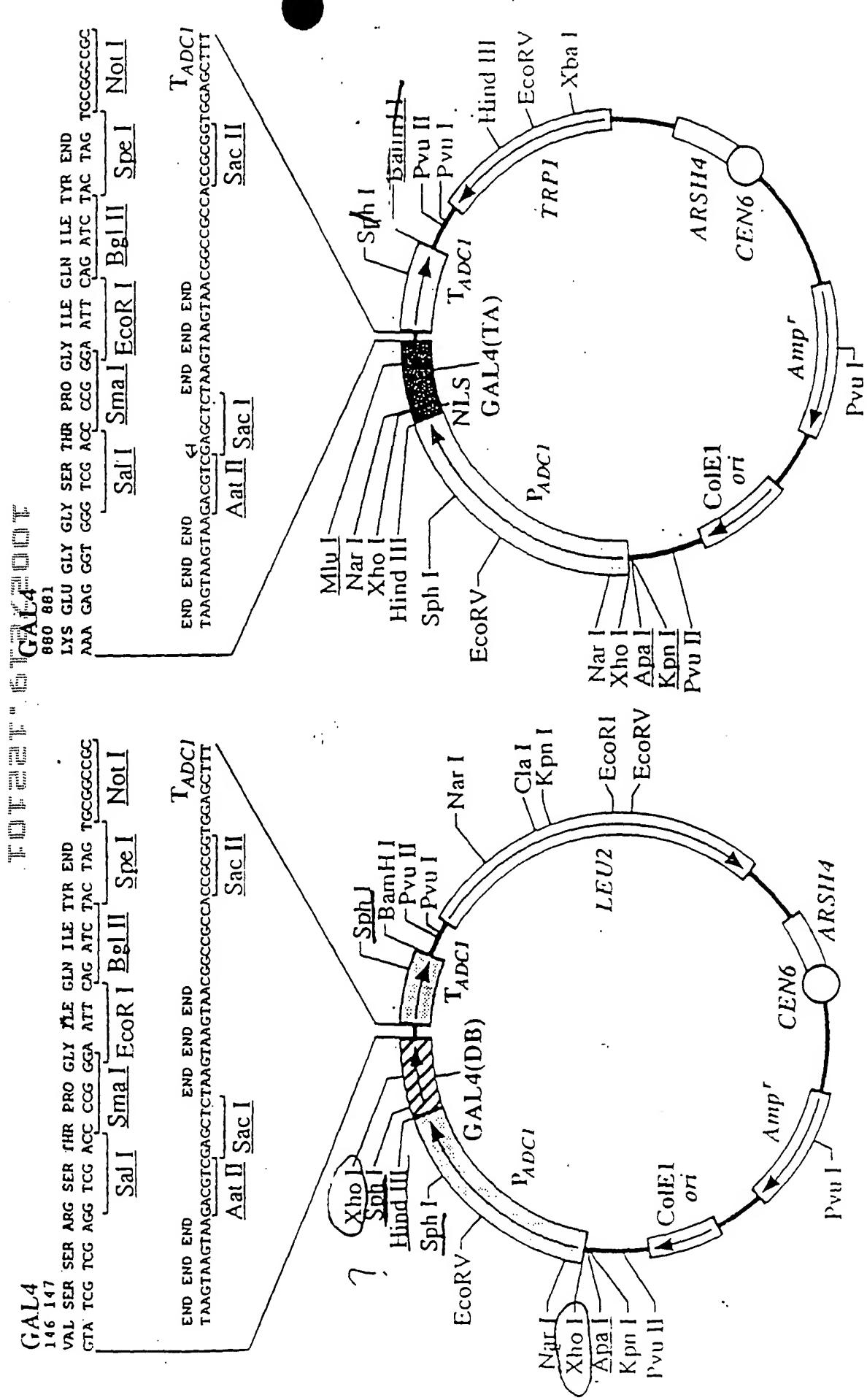


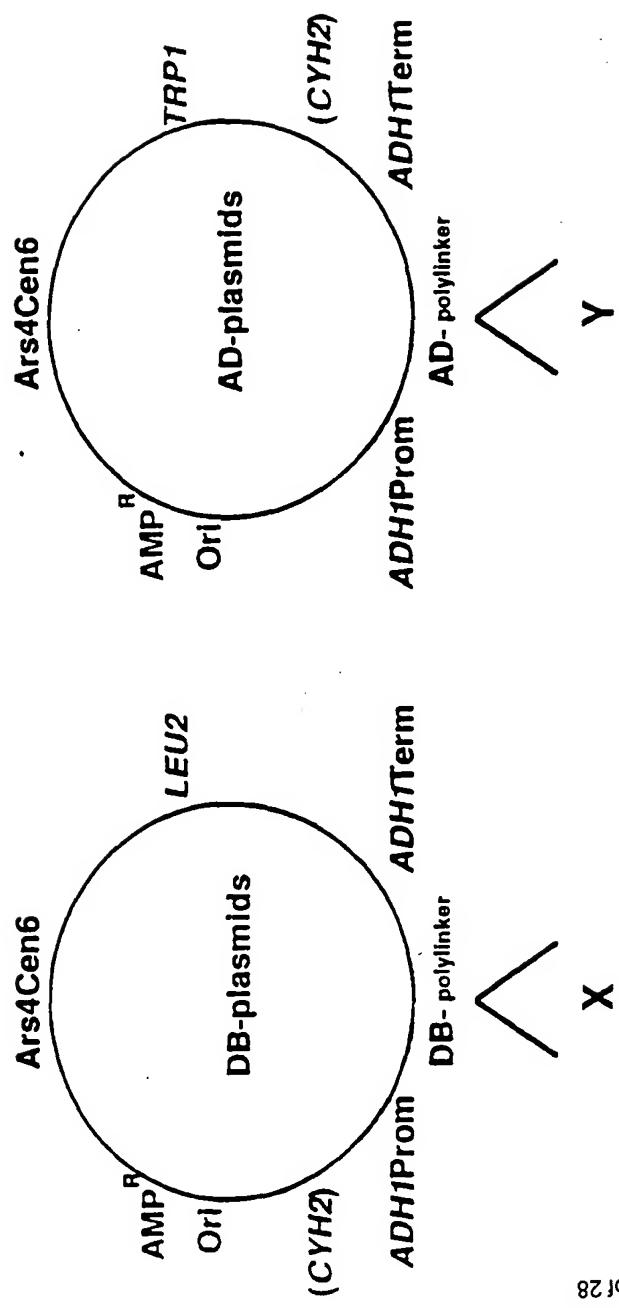
FIGURE 9

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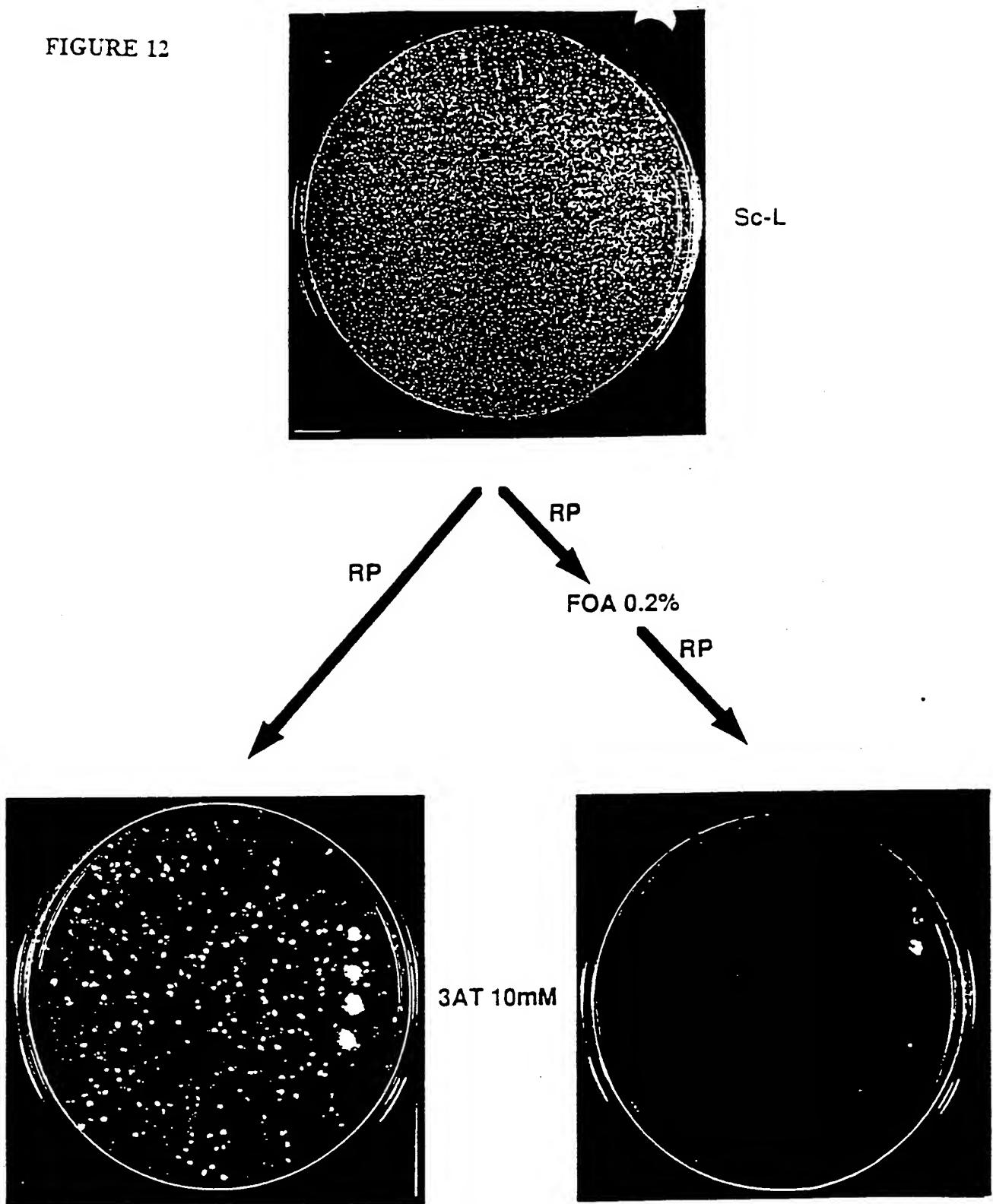






DB-X	Total	Hits+	Rejected	Known Interacting		False positive
				"Novel"	Interacting	
None	1x10	6	1	0		
p130	5x10	5	19	9	0	5 → 2
DP1	2x10	5	7	7		1 → 1
pRb	1x10	6	20	0		6 → 2
p35	1x10	6	20	8	0	8 → 2
CDK3	1x10	6	38	16		
CDK3	1x10	6	38	16		
DCC1	3x10	6	81	23	0	
Zebu	1x10	6	81	23		

FIGURE 12



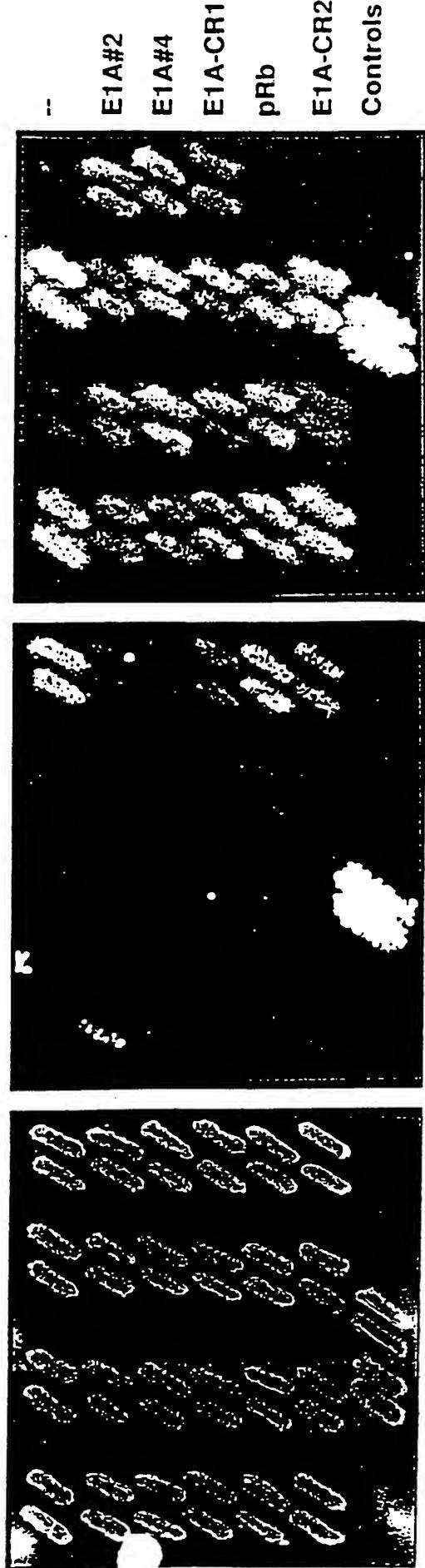
20032212 322404

DB-X	AD-Y	AD-pRb	AD-107	AD-130	DP1	CDK2	Jun	None
None								
E2F1	2	1						
E2F2	1	1						
E2F3			2					
E2F4				24				
Fos								
Jun								
CyclinA								
p21								
DCC1								

FIGURE 14

TCR_α T cell expansion

DB-Rb⁺ Ad
DB-P107⁺ Ad
DB-P107⁺ Ad-E2F-1



Sc -L-T-H+FOA 0.2%

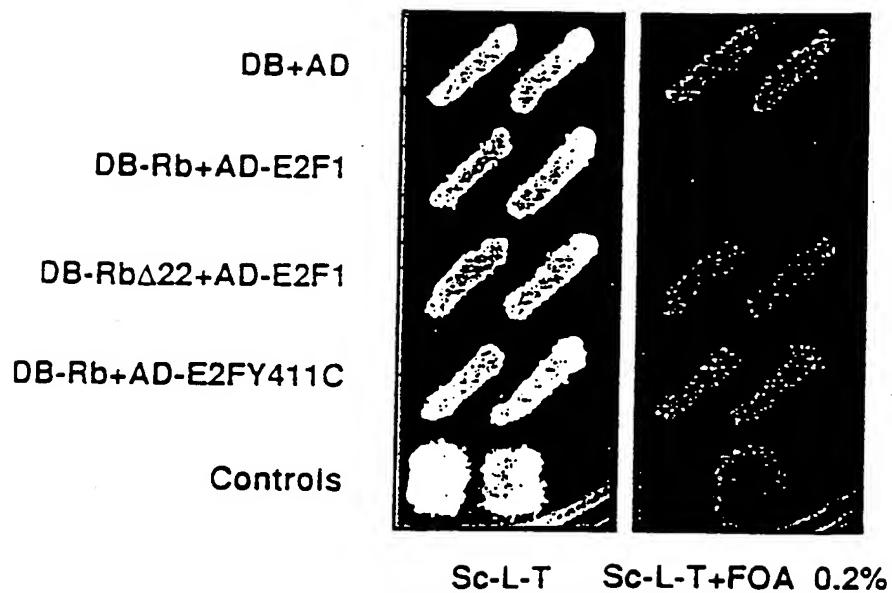
Sc -L-T-H-U

Sc -L-T-H

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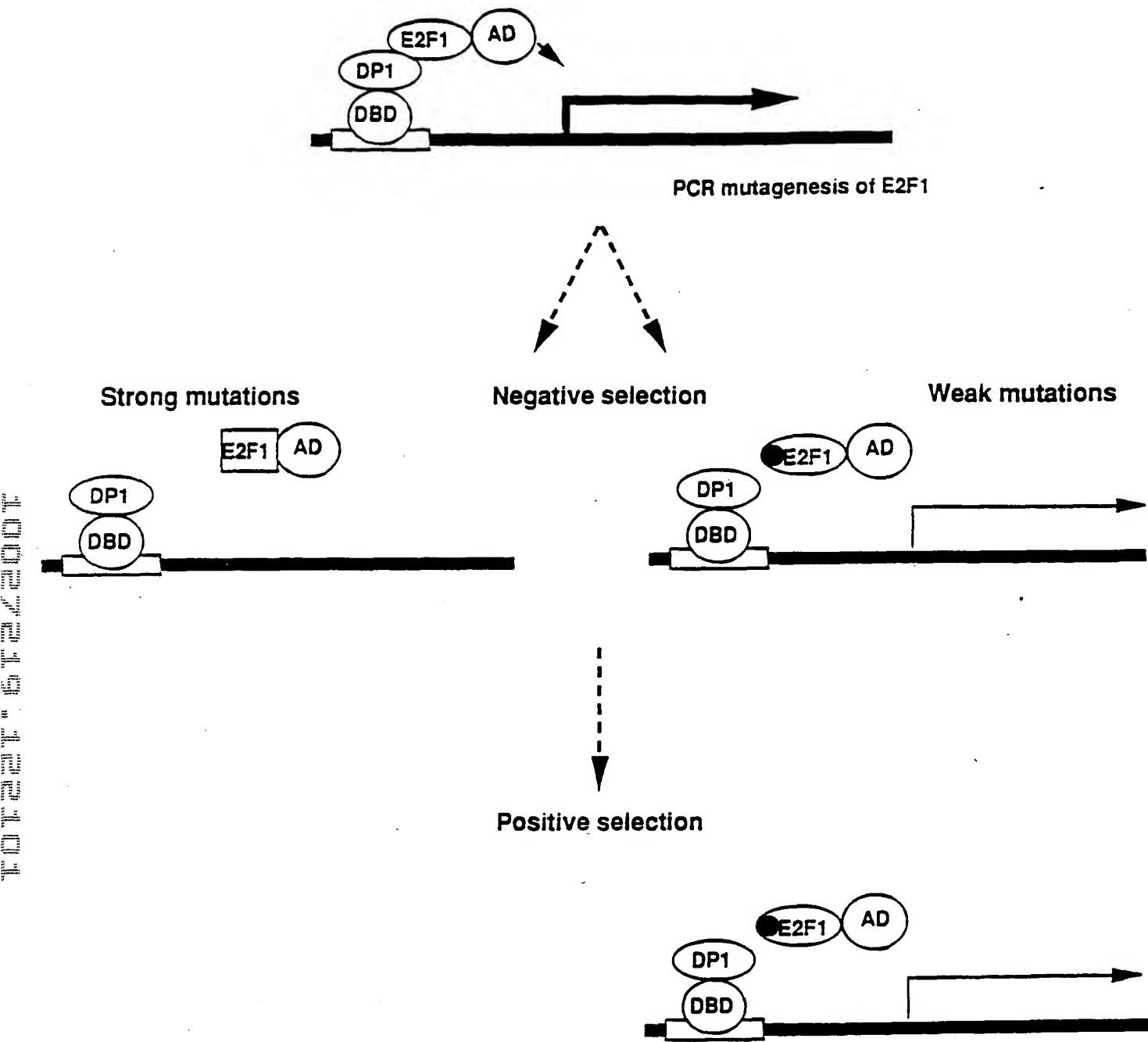
Matter No.: 10974-239005
Applicant(s): Marc Vidal et al.
REVERSE TWO-HYBRID SYSTEMS

FIGURE 15



400273-3-1203

FIGURE 16



10974-239005
Marc Vidal et al.
REVERSE TWO-HYBRID SYSTEMS

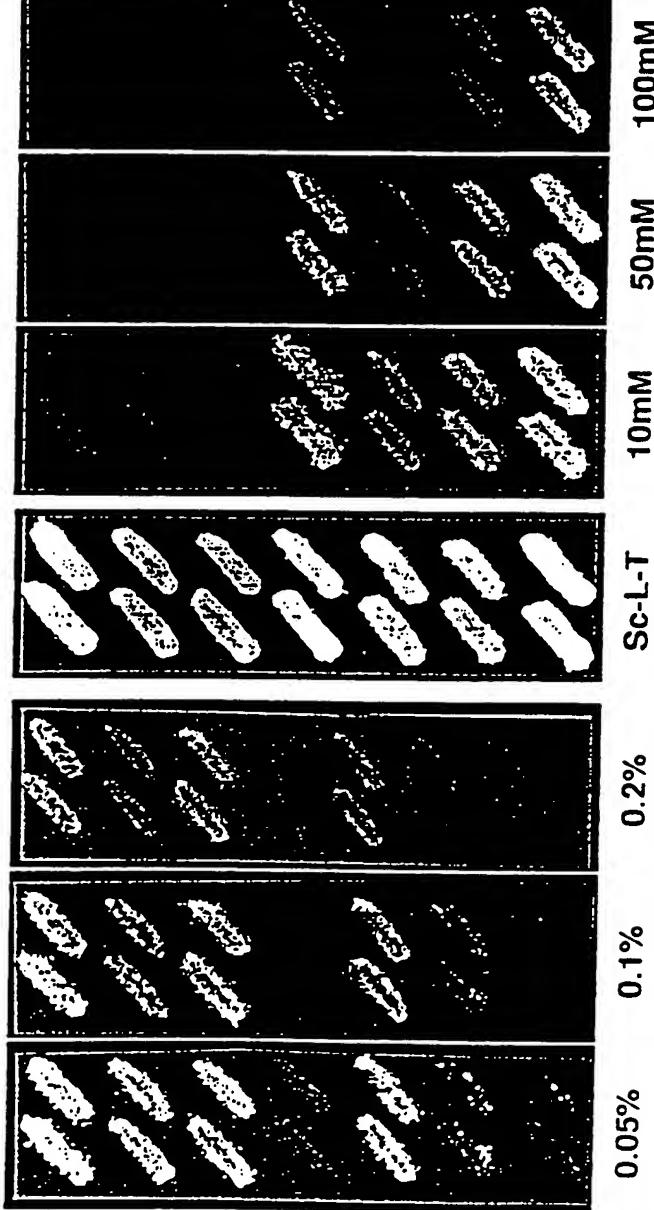
FIGURE 17

TOT 22 T : 6 T 2 2 2 0 0 T

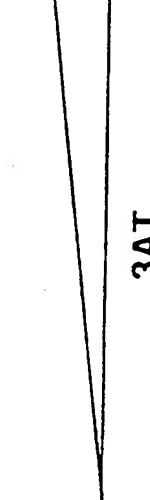
Negative Selection

DB+AD
DB-DP1+AD
DB+AD-E2F1
DB-DP1+AD-E2F1
DB-pRb+AD-E2F1
DB-Fos+AD-Jun
Gal4+AD

Positive Selection



0.05% 0.1% 0.2% 10mM 50mM 100mM



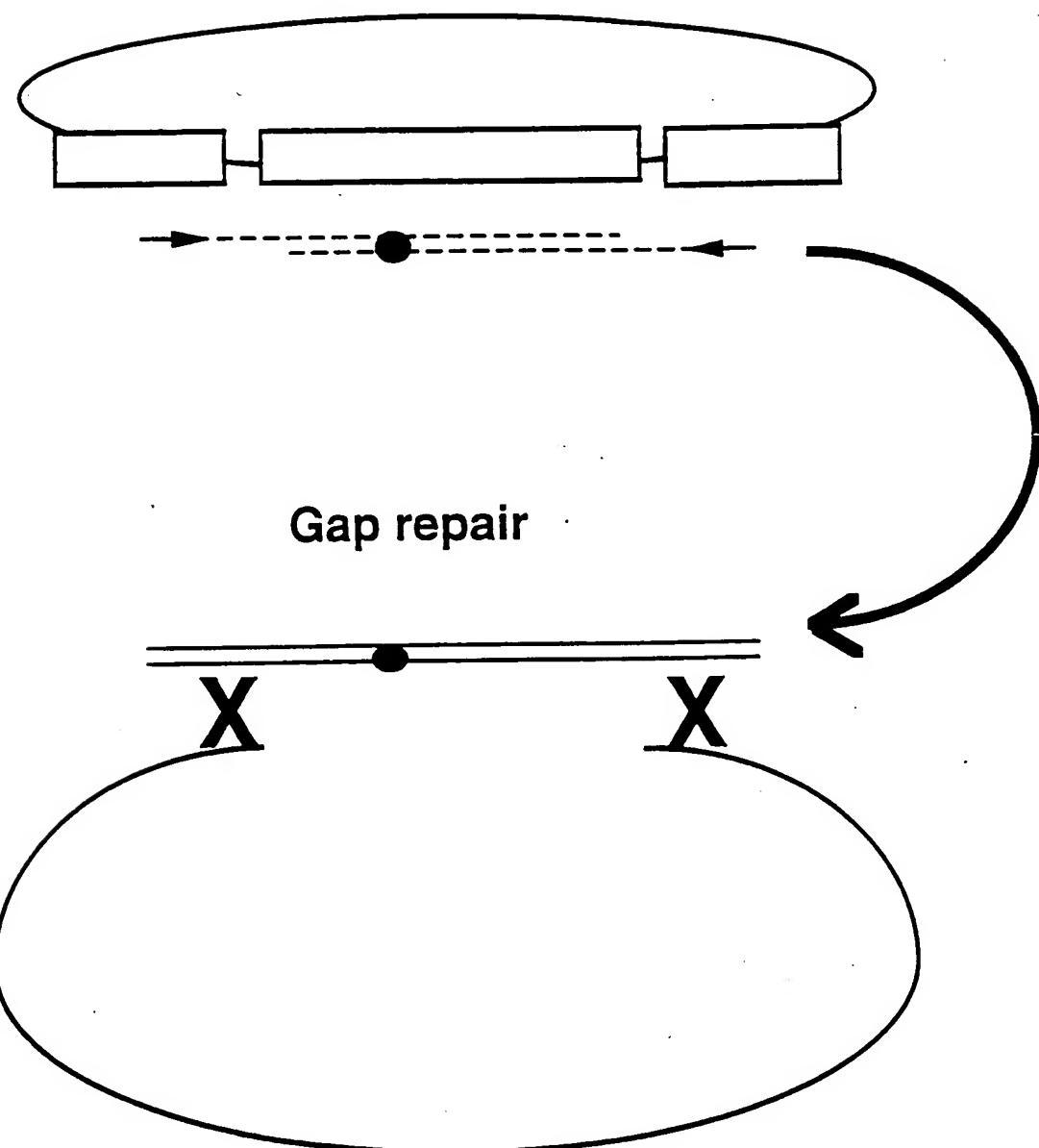
FOA



3AT

FIGURE 18A

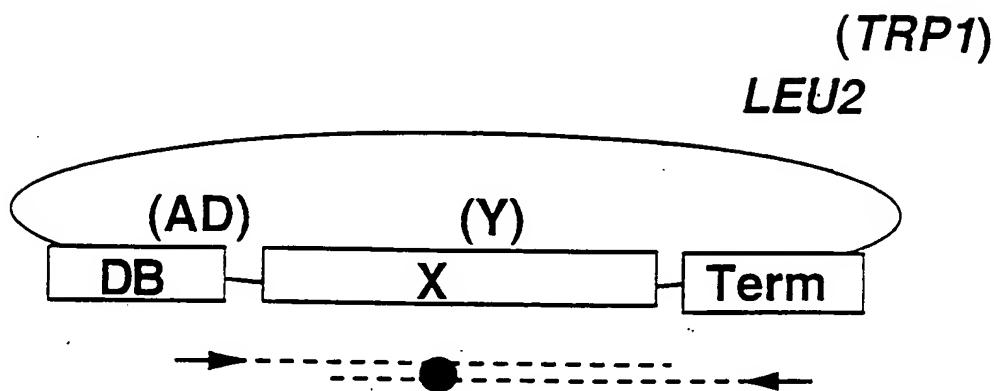
PCR reaction



100227216 122104
TOP SECRET

FIGURE 18B

In vitro mutagenic PCR reaction



In vivo gap repair

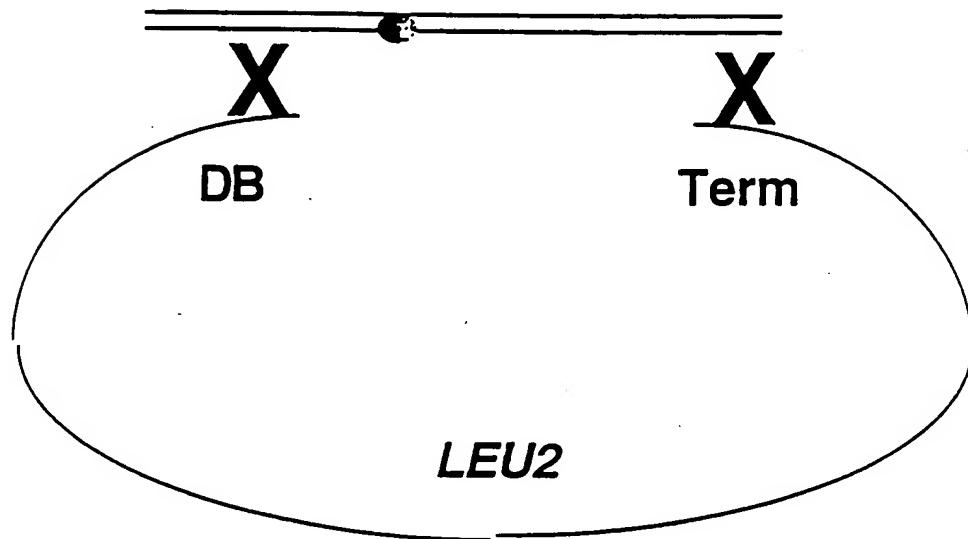
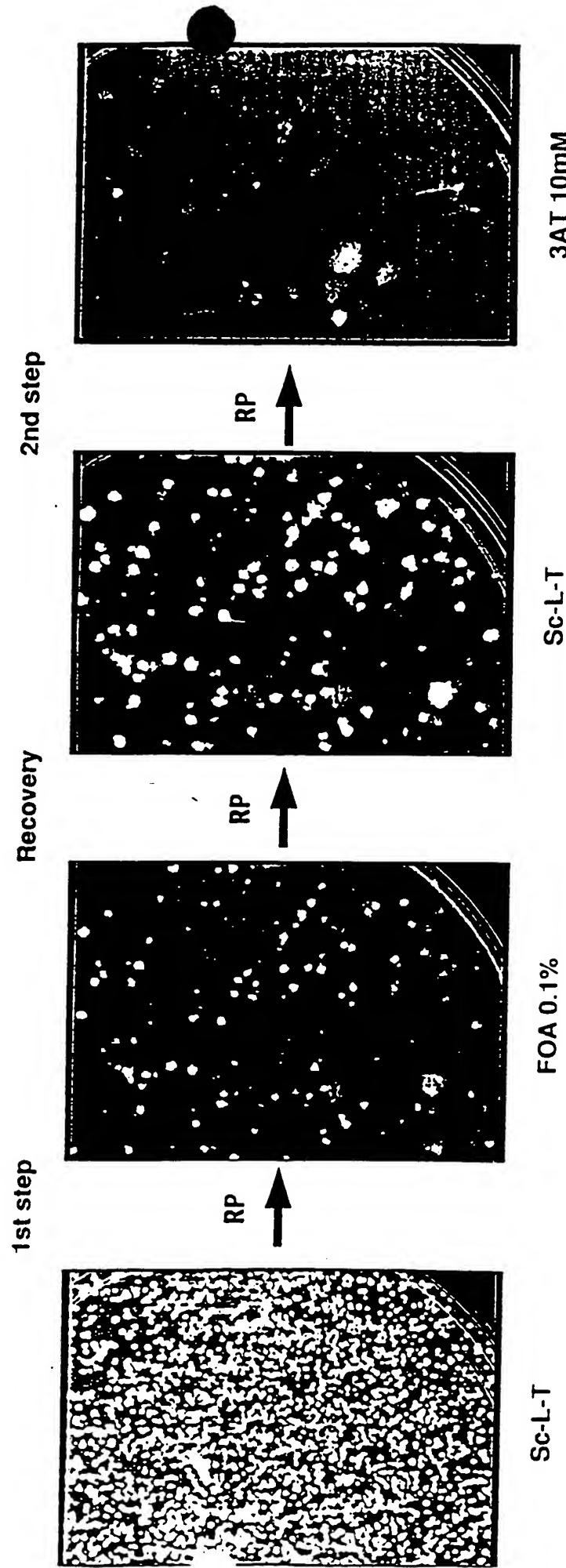


FIGURE 19

F O F 2 2 T " G T 2 2 C 2 0 D T

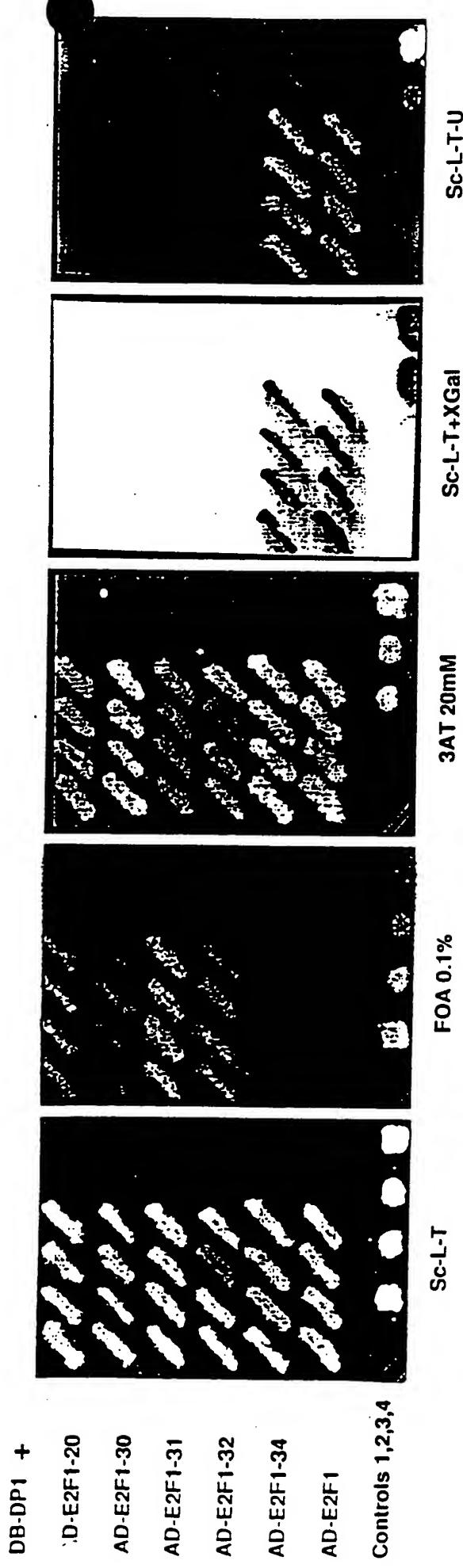


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FIGURE 20

FOA 2% GROWTH



Matter No.: 10974-239005
Applicant(s): Marc Vidal et al.
REVERSE TWO-HYBRID SYSTEMS

FIGURE 21

MARKE BOX 2

2⁸3 3⁰1

Q	I	N	L	K	S	H	S	G	P	I	H	V	L	L	I	N	K	E2F5	
Q	I	H	L	K	S	V	T	Q	G	P	I	E	V	L	L	Y	N	K	E2F4
Q	I	H	L	A	S	T	Q	G	P	I	E	V	Y	L	C	P	E	E2F3	
Q	I	Y	L	K	S	T	Q	G	P	I	E	V	Y	L	C	P	E	E2F2	
Q	I	S	L	K	S	K	Q	G	P	I	D	V	F	L	C	P	E	E2F1	

T P G

E2F1-20

E2F1-30

E2F1-32

E2F1-31

E2F1-65

N

FIGURE 22

F O T 2 2 F " G T c x c 0 0 F

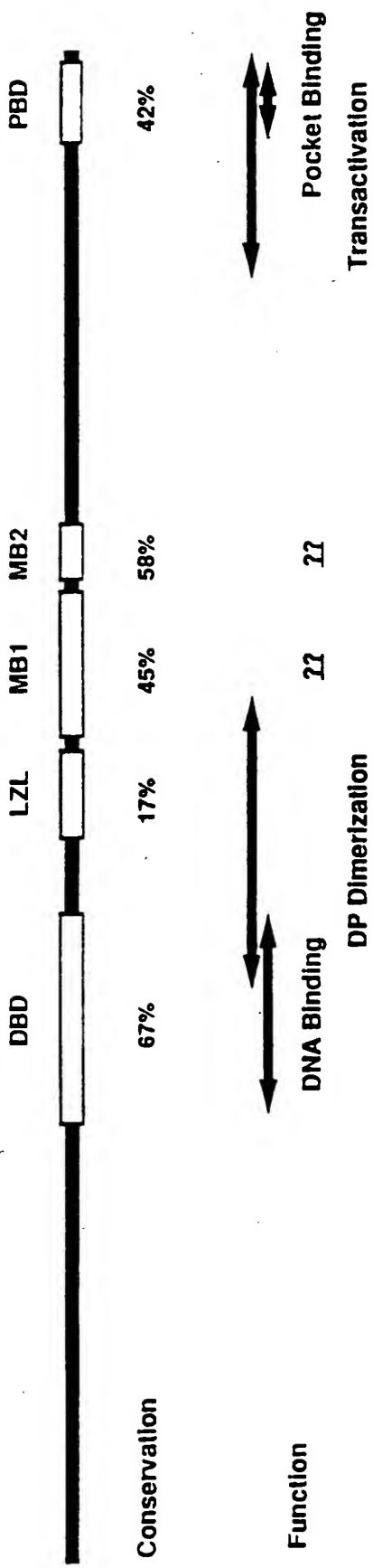


FIGURE 23A

10027245 322403

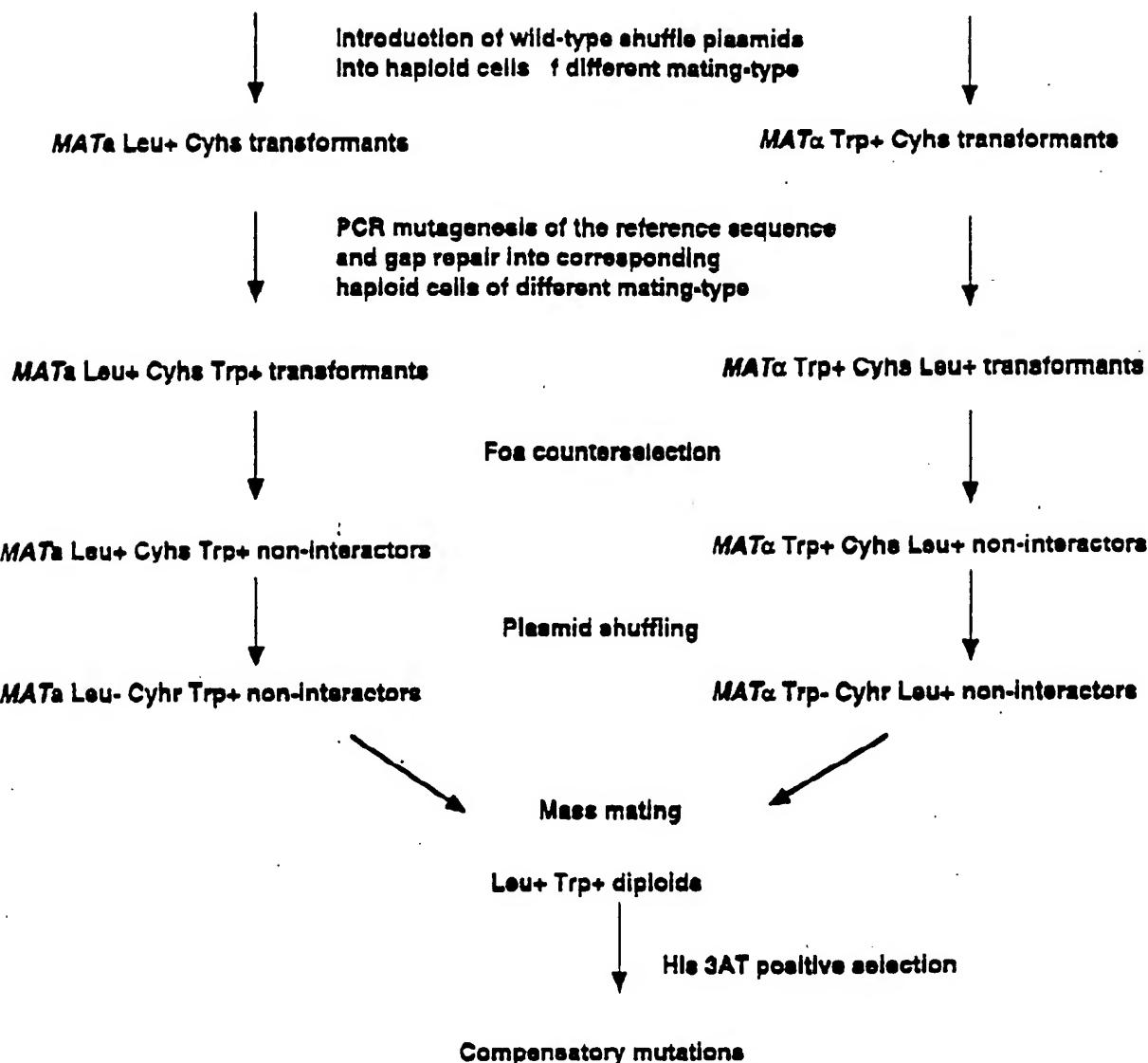


FIGURE 23B

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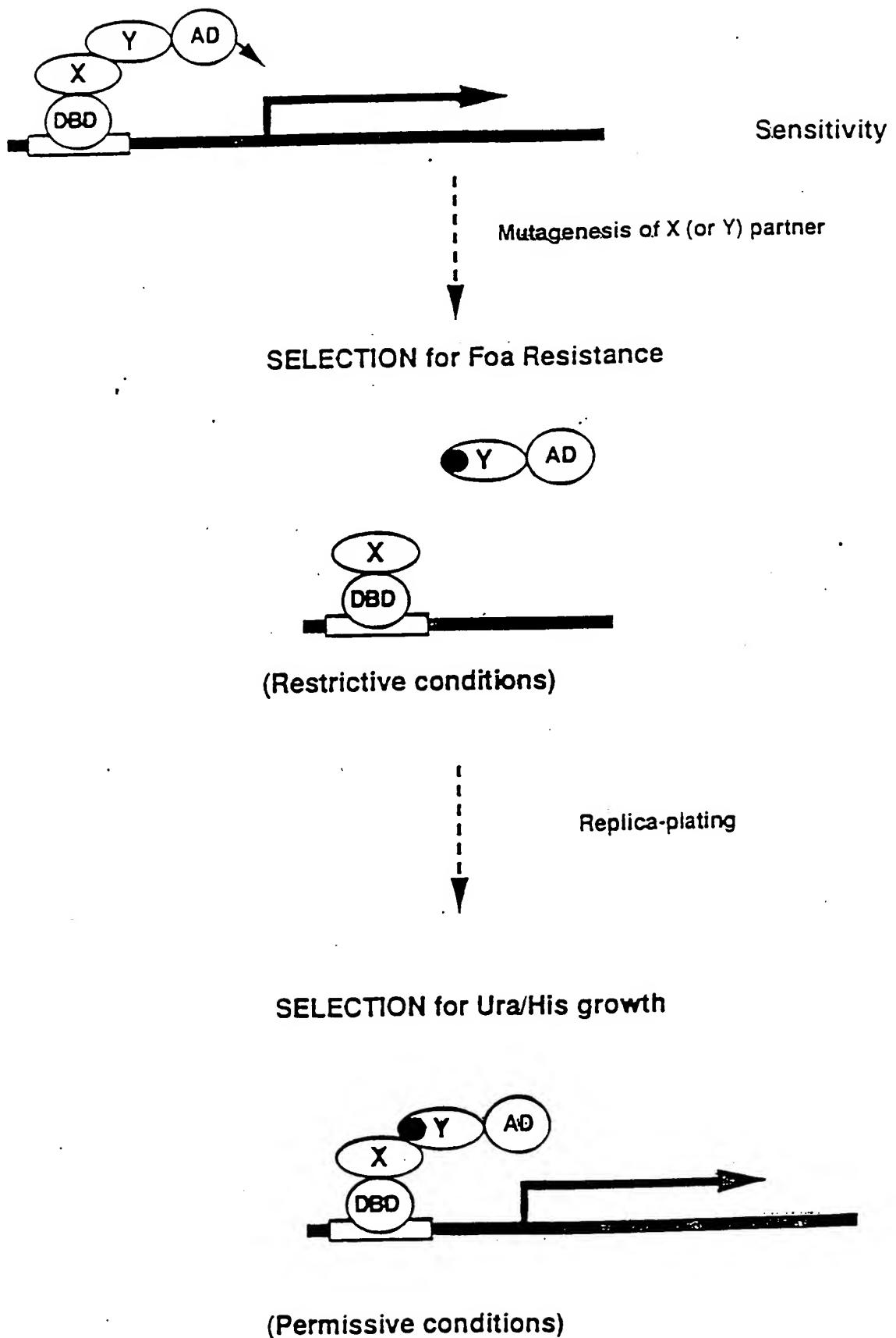


FIGURE 24

2010-12-22 15:22:00T

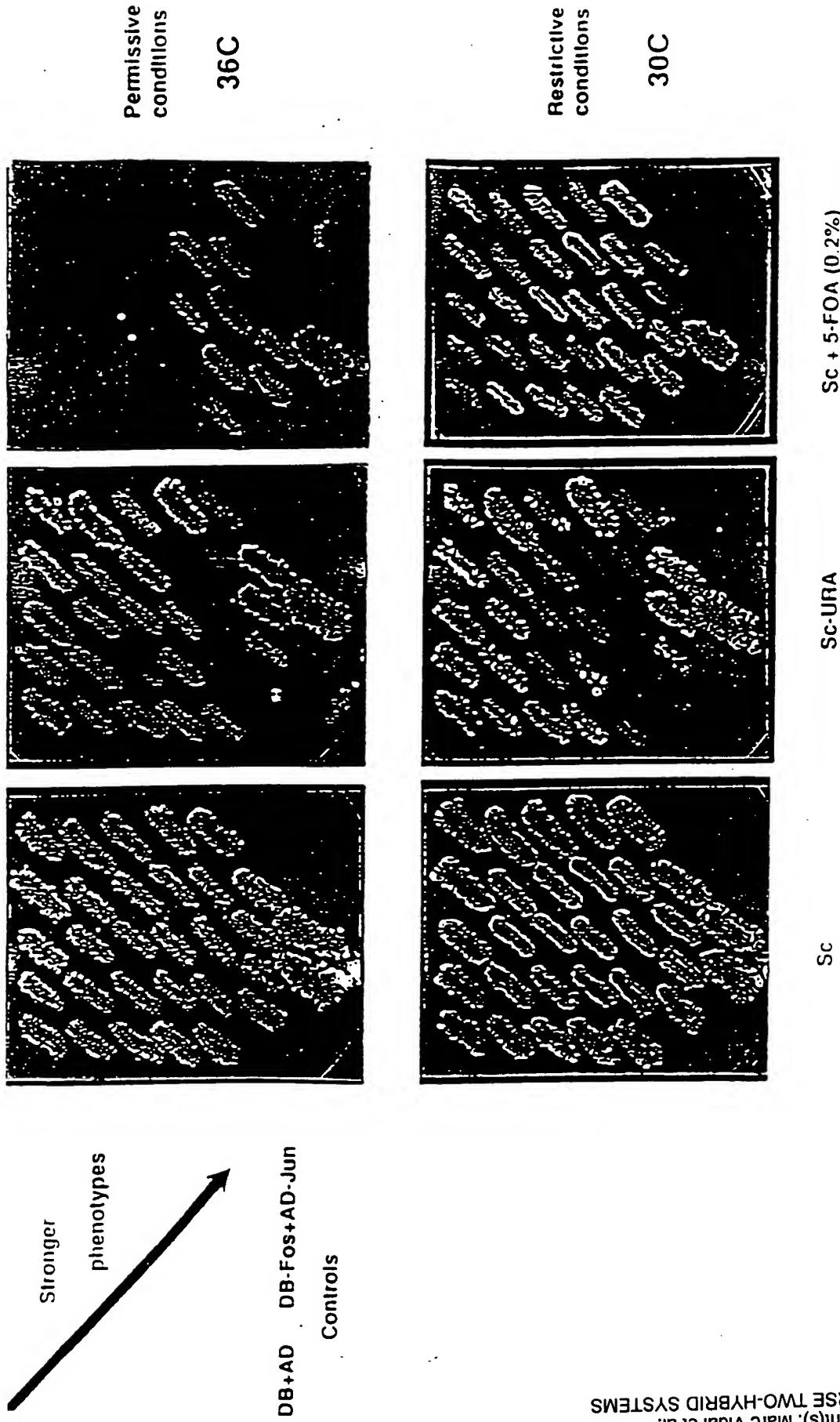


FIGURE 25

